Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_Period\_\_\_\_\_

Graphical Analysis of Motion

Acceleration vs Time

Walking toward the sensor slowly

Hypothesis Motion Sensor

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

Walking toward the sensor quickly

Hypothesis Motion Sensor

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

Walking away from the sensor slowly

Hypothesis Motion Sensor

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

Walking toward the sensor quickly and then quickly walking away

Hypothesis Motion Sensor

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |